

Environmental Protection Agency**§ 712.30**

to a specific chemical substance listed in § 712.30 are exempt. However, this exemption does not apply with respect to any chemical in § 712.30 designated by an asterisk. A manufacturer is qualified as small and is exempt from submitting a report under this subpart for a chemical substance manufactured at a particular plant site if both of the following criteria are met:

(1) Total annual sales taken together of all sites owned or controlled by the foreign or domestic parent company were below \$30 million for the reporting period;

(2) Total production of the listed substance for the reporting period was below 45,400 kilograms (100,000 pounds) at the plant site.

(d) Persons are not subject to reporting under § 712.20 if they manufactured or imported the chemical substance during the reporting period only in the following forms:

(1) As a byproduct that was not used or sold or that was formed as described in 40 CFR 710.4(d) (3) through (7).

(2) As a non-isolated intermediate.

(3) As an impurity.

[47 FR 26998, June 22, 1982; 47 FR 28382, June 30, 1982]

§ 712.28 Form and instructions.

(a) Manufacturers and importers subject to this subpart must submit a single EPA Form No. 7710-35, "Manufacturer's Report—Preliminary Assessment Information," for each plant site manufacturing or importing a chemical substance listed in § 712.30.

(b) Reporting companies may submit their reports through individual plant sites or company headquarters as they choose. A separate form must be submitted for each plant site manufacturing the chemical substance.

(c) Forms must be sent (preferably by certified mail) to the Document Control Office (7407), Office of Pollution Prevention and Toxics, U.S. Environmental Protection Agency, Room G-099, 1200 Pennsylvania Ave., NW., Washington, DC 20460, ATTN: 8(a) PAIR Reporting.

(d) Form 7710-35, Manufacturer's Report—Preliminary Assessment Information or PAIR form and instructions may be obtained by telephoning or writing the Environmental Assistance

Division. The telephone number and the address of the Environmental Assistance Division is: Phone Number (202) 554-1404, TDD (202) 554-0551. Address: Environmental Assistance Division (7406), Office of Pollution Prevention and Toxics, Environmental Protection Agency, 1200 Pennsylvania Ave., NW., Washington, DC 20460.

[47 FR 26998, June 22, 1982, as amended at 52 FR 20083, May 29, 1987; 53 FR 12523, Apr. 15, 1988; 60 FR 31921, June 19, 1995; 60 FR 34463, July 3, 1995]

§ 712.30 Chemical lists and reporting periods.

(a)(1) Persons subject to this subpart B must submit a Preliminary Assessment Information Manufacturer's Report for each chemical substance or mixture that is listed or designated in this section.

(2) Unless a respondent has already prepared a Manufacturer's Report in conformity with conditions set forth in paragraph (a)(3) of this section, the information in each Manufacturer's Report must cover the respondent's latest complete corporate fiscal year as of the effective date. The effective date will be 30 days after the FEDERAL REGISTER publishes a rule amendment making the substance or mixture subject to this subpart B.

(3) Persons subject to this subpart B need not comply with the requirements of paragraph (a)(2) of this section if they meet either one of the following conditions:

(i) The respondent has previously and voluntarily provided EPA with a Manufacturer's Report on a chemical substance or mixture subject to this subpart B, which contains data for a one-year period ending no more than three years prior to the effective date described in paragraph (a)(2) of this section. Respondents meeting this condition must notify EPA by letter of their desire to have the voluntary submission used in lieu of a current data submission and must verify the completeness and current accuracy of the voluntarily submitted data. Such letters must contain the following language: "I hereby certify that, to the best of my knowledge and belief, all information entered on this form is complete and accurate. I agree to permit access to,

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and the copying of records by, a duly authorized representative of the EPA Administrator, in accordance with the Toxic Substances Control Act, to document any information reported on the form." Notification letters must be submitted prior to the reporting deadline.

(ii) The respondent has previously submitted a Manufacturer's Report on a chemical substance or mixture subject to this subpart B to the Interagency Testing Committee, but not to EPA, and that Report contained data for a one-year period ending less than three years prior to the effective date described in paragraph (a)(2) of this section. Respondents meeting this condition must submit a copy of the Manufacturer's Report to EPA, and must submit an accompanying letter notifying EPA of the respondent's intent that the submission be used in lieu of a current Manufacturer's Report. The notification letter must verify the completeness and current accuracy of the voluntarily submitted data. Such a letter must contain the following language: "I hereby certify that, to the best of my knowledge and belief, all information entered on this form is complete and accurate. I agree to permit access to, and the copying of records by, a duly authorized representative of the EPA Administrator, in accordance with the Toxic Substances Control Act, to document any information reported on the form." The submission must be made prior to the reporting deadline.

(b) Except as provided in paragraph (c) of this section, chemical substances and designated mixtures will be added after a notice of proposed amendment of this subpart is published in the FEDERAL REGISTER. There will be a 30 day public comment period on each notice; after consideration of the comments, a final amendment will identify the substances and mixtures added.

(c) Chemical substances, mixtures, and categories of substances or mixtures that have been added by the Interagency Testing Committee, established under section 4(e) of TSCA, to the section 4(e) Priority List, for test-

ing consideration by the Agency, will be added to this section 30 days after EPA issues for publication in the FEDERAL REGISTER a rule amendment listing these chemical substances, mixtures and categories. A Preliminary Assessment Information—Manufacturer's Report must be submitted for each chemical substance and mixture within 60 days after the effective date of the listing. At the discretion of the Assistant Administrator for Prevention, Pesticides and Toxic Substances, a listed substance, mixture or category may be withdrawn, for good cause, from the rule's reporting requirements prior to the effective date. Any information submitted showing why a substance, mixture or category should be removed from the rule must be received by EPA within 14 days after the date of publication of the notice under this paragraph. If a substance, mixture or category is removed, a FEDERAL REGISTER notice announcing this decision will be published no later than the effective date of the amendment. Any information submitted must be addressed to the Document Control Office (7407), Office of Pollution Prevention and Toxics, U.S. Environmental Protection Agency, Room G-099, 1200 Pennsylvania Ave., NW., Washington, DC 20460, ATTN: 8(a) Auto-ITC.

(d) Manufacturers and importers of the substances listed below must submit a Preliminary Assessment Information Manufacturer's Report for each site at which they manufacture or import each substance by the reporting date shown in the table below. The substances are listed in Chemical Abstracts Service Registry Number order. Typically EPA lists the trivial or common name first, then, following the symbol "--", EPA lists the substance by its TSCA Chemical Substance Inventory name. Whenever EPA lists a single name, the name may be either the TSCA Chemical Substance Inventory name, a trivial name, or a common name. Generally, when a single name is listed, it is the TSCA Chemical Substances Inventory name.

| CAS No. | Substance | Effective date | Reporting date |
|---------|--------------------------------|----------------|----------------|
| 78-10-4 | Ethyl silicate | 8/23/00 | 10/23/00 |
| 90-30-2 | N-Phenyl-1-naphthylamine | 9/30/91 | 11/27/91 |

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| CAS No. | Substance | Effective date | Reporting date |
|------------|--|------------------|----------------------|
| 100-40-3 | 4-Vinylcyclohexene | 1/11/90 | 3/12/90 |
| 108-95-5 | Thiophenol | 1/26/94 | 3/28/94 |
| 109-87-5 | Methylal | 8/23/00 | 10/23/00 |
| 118-79-6 | 2,4,6-tribromophenol | 1/11/90 | 3/12/90 |
| 133-49-3 | Pentachlorothiophenol | 8/27/01 | 10/24/01 |
| 136-35-6 | 1-Triazene, 1,3-diphenyl- | July 11, 2003 | September 9, 2003 |
| 143-33-9 | Sodium cyanide | 10/29/90 | 12/27/90 |
| 496-46-8 | Glycoluril | 8/23/00 | 10/23/00 |
| 632-79-1 | Tetrabromophthalic anhydride | 1/11/90 | 3/12/90 |
| 637-92-3 | Ethyl tert-butyl ether | 12/28/94 | 2/27/95 |
| 994-05-8 | Tert-amyl methyl ether | 12/28/94 | 2/27/95 |
| 1163-19-5 | Decabromodiphenyl ether | 1/11/90 | 3/12/90 |
| 1198-55-6 | Tetrachloropyrocatechol | 8/27/01 | 10/24/01 |
| 1806-24-2 | p-toluidine, 5-chloro-,alpha.,alpha.,alpha.-trifluoro-2-nitro-N-phenyl- | 8/27/01 | 10/24/01 |
| 3194-55-6 | Hexabromocyclododecane | 1/11/90 | 3/12/90 |
| 3278-89-5 | Benzene, 1,3,5-tribromo-2-(2-propenoxy)- | July 11, 2003 | September 9, 2003 |
| 3296-90-0 | Dibromoneopentyl glycol | 1/11/90 | 3/12/90 |
| 12185-10-3 | White phosphorus | 1/26/94 | 3/28/94 |
| 16691-43-3 | 3-Amino-5-mercaptop-1,2,4-triazole | 8/23/00 | 10/23/00 |
| 29091-20-1 | Benzenamine, 3-chloro-2,6-dinitro-N,N-dipropyl-4-(trifluoromethyl)- | July 11, 2003 | September 9, 2003 |
| 32534-81-9 | Pentabromodiphenyl ether | 1/11/90 | 3/12/90 |
| 32536-52-0 | Octabromodiphenyl ether | 1/11/90 | 3/12/90 |
| 32588-76-4 | Ethylene Bis-(tetrabromophthalimide) | 1/11/90 | 3/12/90 |
| 37853-59-1 | 1,2-Bis(tribromophenoxy) ethane | 1/11/90 | 3/12/90 |
| 41291-34-3 | Ethylene(5,6-dibromonorbornane-2,3-dicarboximide) | 1/11/90 | 3/12/90 |
| 52907-07-0 | Ethylene bis(5,6-dibromonorbornane-2,3-dicarboximide) | 1/26/94 | 3/28/94 |
| 57137-10-7 | Tribrominated polystyrene | 1/11/90 | 3/12/90 |
| 61262-53-1 | Ethylene bis(pentabromophenoxyde) | 1/11/90 | 3/12/90 |
| 68928-76-7 | Stannane, dimethylbis[(1-oxoneodecyl)oxy]- | July 11, 2003 | September 9, 2003 |
| 88185-22-2 | Benzoic acid, 3-[2-chloro-4-(trifluoromethyl)phenoxy]-, 2-ethoxy-1-methyl-2-oxoethyl ester | 8/27/01 | 10/24/01 |

(e) Manufacturers and importers of the substances listed below by category must submit a Preliminary Assessment Information Manufacturers Report for each site at which they manufacture or import each substance by the reporting

date shown in the table below. The categories are listed in alphabetic order with the chemical substances within each category listed by ascending numerical CAS number.

| CAS No. | Substance | Effective date | Reporting date |
|-------------------|--|----------------|----------------|
| Aldehydes: | | | |
| 66-77-3 | 1-Naphthalenecarboxaldehyde | 9/30/91 | 11/27/91 |
| 75-07-0 | Acetaldehyde | 9/30/91 | 11/27/91 |
| 75-87-6 | Acetaldehyde, trichloro | 9/30/91 | 11/27/91 |
| 78-84-2 | Propanal, 2-methyl- | 9/30/91 | 11/27/91 |
| 78-85-3 | 2-Propenal, 2-methyl- | 9/30/91 | 11/27/91 |
| 80-54-6 | Benzene propanal, 4-(1,1-dimethylethyl)-.alpha.-methyl- | 9/30/91 | 11/27/91 |
| 84-83-3 | Acetaldehyde, (1,3-dihydro-1,3, 3-trimethyl-2H-indol-2-ylidene). | 9/30/91 | 11/27/91 |
| 89-98-5 | Benzaldehyde, 2-chloro- | 9/30/91 | 11/27/91 |
| 90-02-8 | Benzaldehyde, 2-hydroxy- | 9/30/91 | 11/27/91 |
| 93-02-7 | Benzaldehyde, 2,5-dimethoxy- | 9/30/91 | 11/27/91 |
| 93-53-8 | Benzeneacetaldehyde, .alpha.-methyl- | 9/30/91 | 11/27/91 |
| 95-01-2 | Benzaldehyde, 2,4-dihydroxy- | 9/30/91 | 11/27/91 |
| 97-51-8 | Benzaldehyde, 2-hydroxy-5-nitro- | 9/30/91 | 11/27/91 |
| 98-01-1 | 2-Furancarboxaldehyde | 9/30/91 | 11/27/91 |
| 98-03-3 | 2-Thiophenecarboxaldehyde | 9/30/91 | 11/27/91 |
| 100-10-7 | Benzaldehyde, 4-(dimethylamino)- | 9/30/91 | 11/27/91 |
| 100-50-5 | 3-Cyclohexene-1-carboxaldehyde | 9/30/91 | 11/27/91 |
| 100-52-7 | Benzaldehyde | 9/30/91 | 11/27/91 |
| 101-39-3 | 2-Propenal, 2-methyl-3-phenyl- | 9/30/91 | 11/27/91 |
| 101-86-0 | Octanal, 2-(phenylmethylene)- | 9/30/91 | 11/27/91 |
| 103-95-7 | Benzene propanal, .alpha.-methyl-4-(1-methylethyl)- | 9/30/91 | 11/27/91 |
| 104-09-6 | Benzeneacetaldehyde, 4-methyl- | 9/30/91 | 11/27/91 |
| 104-55-2 | 2-Propenal, 3-phenyl- | 9/30/91 | 11/27/91 |
| 104-87-0 | Benzaldehyde, 4-methyl- | 9/30/91 | 11/27/91 |
| 104-88-1 | Benzaldehyde, 4-chloro- | 9/30/91 | 11/27/91 |
| 106-23-0 | 6-Octenal, 3,7-dimethyl- | 9/30/91 | 11/27/91 |
| 106-26-3 | 2,6-Octadienal, 3,7-dimethyl-, (Z)- | 9/30/91 | 11/27/91 |
| 106-72-9 | 5-Heptenal, 2,6-dimethyl- | 9/30/91 | 11/27/91 |
| 107-02-8 | 2-Propenal | 9/30/91 | 11/27/91 |
| 107-20-0 | Acetaldehyde, chloro- | 9/30/91 | 11/27/91 |
| 107-22-2 | Ethanedi al | 9/30/91 | 11/27/91 |
| 107-75-5 | Octanal, 7-hydroxy-3,7-dimethyl- | 9/30/91 | 11/27/91 |
| 110-41-8 | Undecanal, 2-methyl- | 9/30/91 | 11/27/91 |
| 110-62-3 | Pentanal | 9/30/91 | 11/27/91 |
| 111-30-8 | Pantanedi al | 9/30/91 | 11/27/91 |
| 111-71-7 | Heptanal | 9/30/91 | 11/27/91 |
| 112-31-2 | Decanal | 9/30/91 | 11/27/91 |
| 112-44-7 | Undecanal | 9/30/91 | 11/27/91 |
| 112-45-8 | 10-Undecenal | 9/30/91 | 11/27/91 |
| 112-54-9 | Dodecanal | 9/30/91 | 11/27/91 |
| 120-14-9 | Benzaldehyde, 3,4-dimethoxy- | 9/30/91 | 11/27/91 |
| 120-21-8 | Benzaldehyde, 4-(diethylamino)- | 9/30/91 | 11/27/91 |
| 120-57-0 | 1,3-Benzodioxole-5-carboxaldehyde | 9/30/91 | 11/27/91 |
| 121-32-4 | Benzaldehyde, 3-ethoxy-4-hydroxy- | 9/30/91 | 11/27/91 |
| 121-33-5 | Benzaldehyde, 4-hydroxy-3-methoxy- | 9/30/91 | 11/27/91 |
| 122-40-7 | Heptanal, 2-(phenylmethylene)- | 9/30/91 | 11/27/91 |

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|---|---|----------|----------|
| 122-78-1 | Benzeneacetaldehyde | 9/30/91 | 11/27/91 |
| 123-05-7 | Hexanal, 2-ethyl- | 9/30/91 | 11/27/91 |
| 123-08-0 | Benzaldehyde, 4-hydroxy- | 9/30/91 | 11/27/91 |
| 123-11-5 | Benzaldehyde, 4-methoxy- | 9/30/91 | 11/27/91 |
| 123-38-6 | Propanal | 9/30/91 | 11/27/91 |
| 124-13-0 | Octanal | 9/30/91 | 11/27/91 |
| 124-19-6 | Nonanal | 9/30/91 | 11/27/91 |
| 126-15-8 | 4(4H)-Dibenzofurancarboxaldehyde, 1,5a,6,9,9a,9b-hexahydro- | 9/30/91 | 11/27/91 |
| 135-02-4 | Benzaldehyde, 2-methoxy- | 9/30/91 | 11/27/91 |
| 141-27-5 | 2,6-Octadienal, 3,7-dimethyl-, (E)- | 9/30/91 | 11/27/91 |
| 143-14-6 | 9-Undecenal | 9/30/91 | 11/27/91 |
| 455-19-6 | Benzaldehyde, 4-(trifluoromethyl)- | 9/30/91 | 11/27/91 |
| 505-57-7 | 02-Hexenal | 9/30/91 | 11/27/91 |
| 552-89-6 | Benzaldehyde, 2-nitro- | 9/30/91 | 11/27/91 |
| 590-86-3 | Butanal, 3-methyl- | 9/30/91 | 11/27/91 |
| 597-31-9 | Propanal, 3-hydroxy-2,2-dimethyl- | 9/30/91 | 11/27/91 |
| 939-97-9 | Benzaldehyde, 4-(1,1-dimethylethyl)- | 9/30/91 | 11/27/91 |
| 1121-60-4 | 2-Pyridinecarboxaldehyde | 9/30/91 | 11/27/91 |
| 1200-14-2 | Benzaldehyde, 4-butyl | 9/30/91 | 11/27/91 |
| 1331-92-6 | 2-Propenal, 3-phenyl-, monopentyl deriv. | 9/30/91 | 11/27/91 |
| 1334-78-7 | Benzaldehyde, methyl- | 9/30/91 | 11/27/91 |
| 1423-46-7 | 3-Cyclohexene-1-carboxaldehyde, 2,4,6-trimethyl- | 9/30/91 | 11/27/91 |
| 1504-74-1 | 2-Propenal, 3-(2-methoxyphenyl)- | 9/30/91 | 11/27/91 |
| 2591-86-8 | 1-Piperidinecarboxaldehyde | 9/30/91 | 11/27/91 |
| 3132-99-8 | Benzaldehyde, 3-bromo- | 9/30/91 | 11/27/91 |
| 3268-49-3 | Propanal, 3-(methylthio)- | 9/30/91 | 11/27/91 |
| 3613-30-7 | Octanal, 7-methoxy-3,7-dimethyl- | 9/30/91 | 11/27/91 |
| 4501-58-0 | 3-Cyclopentene-1-acetaldehyde, 2,2,3-trimethyl- | 9/30/91 | 11/27/91 |
| 5435-64-3 | Hexanal, 3,5,5-trimethyl- | 9/30/91 | 11/27/91 |
| 5780-07-4 | 1,3-Benzodioxole-5-carboxaldehyde, 7-methoxy- | 9/30/91 | 11/27/91 |
| 5949-05-3 | 6-Octenal, 3,7-dimethyl-, (S)- | 9/30/91 | 11/27/91 |
| 5988-91-0 | Octanal, 3,7-dimethyl- | 9/30/91 | 11/27/91 |
| 10031-82-0 | Benzaldehyde, 4-ethoxy- | 9/30/91 | 11/27/91 |
| 13586-68-0 | 2-Propenal, 3- 4-(1,1-dimethylethyl)phenyl-2-methyl- | 9/30/91 | 11/27/91 |
| 17754-90-4 | Benzaldehyde, 4-(diethylamino)-2-hydroxy- | 9/30/91 | 11/27/91 |
| 26266-68-2 | Hexenal, 2-ethyl- | 9/30/91 | 11/27/91 |
| 27939-60-2 | 3-Cyclohexene-1-carboxaldehyde, dimethyl- | 9/30/91 | 11/27/91 |
| 28602-27-9 | Benzaldehyde, (dimethylamino)- | 9/30/91 | 11/27/91 |
| 31906-04-4 | 3-Cyclohexene-1-carboxaldehyde, 4-(4-hydroxy-4-methylpentyl)- | 9/30/91 | 11/27/91 |
| 37677-14-8 | 3-Cyclohexene-1-carboxaldehyde, 4-(4-methyl-3-pentenyl)- | 9/30/91 | 11/27/91 |
| 39515-51-0 | Benzaldehyde, 3-phenoxy- | 9/30/91 | 11/27/91 |
| 52475-86-2 | 3-Cyclohexene-1-carboxaldehyde, 1-methyl-4-(4-methyl-3-pentenyl)- | 9/30/91 | 11/27/91 |
| 66327-54-6 | 3-Cyclohexene-1-carboxaldehyde, 1-methyl-4-(4-methylpentyl)- | 9/30/91 | 11/27/91 |
| Alkyl-, Chloro-, and Hydroxymethyl Diaryl Ethers: | | | |
| 3061-36-7 | 1,4-Diphenoxylbenzene | 04/12/93 | 06/10/93 |
| 3586-14-9 | Benzene, 1-methyl-3-phenoxy- | 04/12/93 | 06/10/93 |
| 13826-35-2 | Benzinemethanol, 3-phenoxy-, | 04/12/93 | 06/10/93 |
| 28299-41-4 | Benzene, 1,1,-oxybis[methyl]- | 04/12/93 | 06/10/93 |

| CAS No. | Substance | Effective date | Reporting date |
|------------------------------|--|----------------|----------------|
| 28984-89-6 | 1,1'-Biphenyl, phenoxy- | 04/12/93 | 06/10/93 |
| 42874-96-4 | 2-Chloro-1-(3-methylphenoxy)-4-(trifluoromethyl)benzene | 04/12/93 | 06/10/93 |
| 50594-77-9 | Phenol, 3-[2-chloro-4-(trifluoromethyl)phenoxy]-, acetate | 04/12/93 | 06/10/93 |
| 50789-44-1 | Benzinemethanol, 3-phenoxy-, acetate | 04/12/93 | 06/10/93 |
| 51632-16-7 | Benzene, 1-(bromomethyl)-3-phenoxy- | 04/12/93 | 06/10/93 |
| 61702-88-3 | Benzene, 1,1'-oxybis[1,1,3,3-tetramethylbutyl]- | 04/12/93 | 06/10/93 |
| 63734-62-3 | Benzoic acid, 3-[2-chloro-4-(trifluoromethyl)phenoxy]-, .. | 04/12/93 | 06/10/93 |
| 69834-19-1 | Benzene, 1,1'-oxybis[dodecyl]- | 04/12/93 | 06/10/93 |
| 72252-48-3 | Benzoic acid, 3-[2-chloro-4-(trifluoromethyl)phenoxy]-, potassium salt | 04/12/93 | 06/10/93 |
| Alkylphenols, | | | |
| Alkylphenol ethoxylates, and | | | |
| Polyalkylphenols: | | | |
| 80-46-6 | 4-tert-Pentyphenol | 3/29/96 | 5/29/96 |
| 88-18-6 | 2-tert-Butyphenol | 3/29/96 | 5/29/96 |
| 94-06-4 | 4-(1-Methylbutyl)phenol | 3/29/96 | 5/29/96 |
| 98-54-4 | 4-tert-Butylphenol | 3/29/96 | 5/29/96 |
| 99-71-8 | 4-sec-Butylphenol | 3/29/96 | 5/29/96 |
| 104-40-5 | 4-Nonylphenol | 3/29/96 | 5/29/96 |
| 104-43-8 | 4-Dodecylphenol | 3/29/96 | 5/29/96 |
| 136-81-2 | Phenol, 2-pentyl- | 8/4/00 | 10/3/00 |
| 140-66-9 | Phenol, 4-(1,1,3,3-tetramethylbutyl)- | 8/4/00 | 10/3/00 |
| 949-13-3 | 2-Octylphenol | 3/29/96 | 5/29/96 |
| 1300-16-9 | Nonylphenol (mixed isomers) | 3/29/96 | 5/29/96 |
| 1322-69-6 | (1,1,3,3-Tetramethylbutyl)phenol (mixed isomers) | 3/29/96 | 5/29/96 |
| 1331-57-3 | Dodecylphenol (mixed isomers) | 3/29/96 | 5/29/96 |
| 1638-22-8 | 4-n-Butylphenol | 3/29/96 | 5/29/96 |
| 1806-26-4 | 4-Octylphenol | 3/29/96 | 5/29/96 |
| 1987-50-4 | Phenol, 4-heptyl- | 8/4/00 | 10/3/00 |
| 2315-66-4 | Decaethylene glycol 4-isooctylphenyl ether | 3/29/96 | 5/29/96 |
| 2446-69-7 | Phenol, 4-hexyl- | 8/4/00 | 10/3/00 |
| 2497-58-7 | Hexaethylene glycol 4-isooctylphenyl ether | 3/29/96 | 5/29/96 |
| 2589-78-8 | Phenol, 4-hexadecyl- | 8/4/00 | 10/3/00 |
| 3180-09-4 | 2-Butylphenol | 3/29/96 | 5/29/96 |
| 3279-27-4 | Phenol, 2-(1,1-dimethylpropyl)- | 8/4/00 | 10/3/00 |
| 3884-95-5 | 2-(1,1,3,3-Tetramethylbutyl)phenol | 3/29/96 | 5/29/96 |
| 9002-93-1 | Polyethylene glycol 4-(tert-octyl)phenyl ether | 3/29/96 | 5/29/96 |
| 9004-87-9 | Poly(oxy-1,2-ethanediyl), α -(isooctylphenyl)- ω -hydroxy- | 8/4/00 | 10/3/00 |
| 9014-92-0 | Poly(oxy-1,2-ethanediyl), α -(dodecylphenyl)- ω -hydroxy- | 8/4/00 | 10/3/00 |
| 9036-19-5 | Polyethylene glycol mono(octyl)phenyl ether | 3/29/96 | 5/29/96 |
| 9063-89-2 | Poly(oxy-1,2-ethanediyl), α -(octylphenyl)- ω -hydroxy- | 8/4/00 | 10/3/00 |
| 11066-49-2 | Isononylphenol (mixed isomers) | 3/29/96 | 5/29/96 |
| 14938-35-3 | 4-Pentylphenol | 3/29/96 | 5/29/96 |
| 17404-66-9 | 4-(1-Methyloctyl)phenol | 3/29/96 | 5/29/96 |
| 25154-52-3 | Nonylphenol (mixed isomers) | 3/29/96 | 5/29/96 |
| 25401-86-9 | Phenol, 2-hexadecyl- | 8/4/00 | 10/3/00 |
| 25735-67-5 | Phenol, 4-sec-pentyl- | 8/4/00 | 10/3/00 |

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| 26401-47-8 | Poly(oxy-1,2-ethanediyl), α -(4-dodecylphenyl)- ω -hydroxy- | 8/4/00 | 10/3/00 |
| 26401-74-1 | Phenol, 2-sec-pentyl- | 8/4/00 | 10/3/00 |
| 27157-66-0 | Phenol, decyl- | 8/4/00 | 10/3/00 |
| 27178-34-3 | tert-Butylphenol (mixed isomers) | 3/29/96 | 5/29/96 |
| 27193-28-8 | (1,1,3,3-Tetramethylbutyl)phenol (mixed isomers) | 3/29/96 | 5/29/96 |
| 27193-86-8 | Dodecylphenol (mixed isomers) | 3/29/96 | 5/29/96 |
| 27985-70-2 | (1-Methylheptyl)phenol (mixed isomers) | 3/29/96 | 5/29/96 |
| 29932-96-5 | (1,1,3,3-Tetramethylbutyl)phenol (mixed isomers) | 3/29/96 | 5/29/96 |
| 30105-54-5 | (1,1,3,3-Tetramethylbutyl)phenol (mixed isomers) | 3/29/96 | 5/29/96 |
| 31195-95-6 | Isobutylphenol (mixed isomers) | 3/29/96 | 5/29/96 |
| 54932-78-4 | 4-(2,2,3,3-Tetramethylbutyl)phenol | 3/29/96 | 5/29/96 |
| 59911-95-4 | Poly(oxy-1,2-ethanediyl), α -(4-hexadecylphenyl)- ω -hydroxy- | 8/4/00 | 10/3/00 |
| 61723-87-3 | Poly(oxy-1,2-ethanediyl), α -(tridecylphenyl)- ω -hydroxy- | 8/4/00 | 10/3/00 |
| 62744-41-6 | (1,1,3,3-Tetramethylbutyl)phenol (mixed isomers) | 3/29/96 | 5/29/96 |
| 68081-86-7 | Phenol, nonyl derivs. | 8/4/00 | 10/3/00 |
| 68784-24-7 | Phenol, C18-30-alkyl derivs. | 8/4/00 | 10/3/00 |
| 68891-67-8 | Phenol, polypropene derivs. | 8/4/00 | 10/3/00 |
| 68908-55-4 | Phenol, polybutene derivs. | 8/4/00 | 10/3/00 |
| 68954-70-1 | Phenol, polyethyl derivs. | 8/4/00 | 10/3/00 |
| 68987-90-6 | Poly(oxy-1,2-ethanediyl), α -(octylphenyl)- ω -hydroxy-, branched | 3/29/96 | 5/29/96 |
| 70682-80-3 | Phenol, tetradecyl- | 8/4/00 | 10/3/00 |
| 71902-25-5 | Phenol, octenylated | 8/4/00 | 10/3/00 |
| 72624-02-3 | Phenol, heptyl derivs. | 8/4/00 | 10/3/00 |
| 74499-35-7 | Phenol, (tetrapropenyl) derivs. | 8/4/00 | 10/3/00 |
| 84605-25-4 | Phenol, 1-methylhexyl derivs. | 8/4/00 | 10/3/00 |
| 84852-15-3 | Branched 4-nonylphenol (mixed isomers) | 3/29/96 | 5/29/96 |
| 91672-41-2 | Phenol, 2-nonyl-, branched | 8/4/00 | 10/3/00 |
| 112375-88-9 | Phenol, polyisobutylene derivs. | 8/4/00 | 10/3/00 |
| 112375-89-0 | Phenol, poly(2,4,4-trimethylpentene) derivs | 8/4/00 | 10/3/00 |
| Alkyl phosphates: | | | |
| 78-40-0 | Phosphoric acid, triethyl ester | 10/29/90 | 12/27/90 |
| 78-42-2 | Phosphoric acid, tris(2-ethylhexyl)ester | 10/29/90 | 12/27/90 |
| 78-51-3 | Ethanol, 2-butoxy-, phosphate (3:1) | 10/29/90 | 12/27/90 |
| 107-66-4 | Phosphoric acid, dibutyl ester | 10/29/90 | 12/27/90 |
| 126-71-6 | Phosphoric acid, tris(2-methylpropyl) ester | 10/29/90 | 12/27/90 |
| 126-73-8 | Phosphoric acid tributyl ester | 10/29/90 | 12/27/90 |
| 298-07-7 | Phosphoric acid, bis(2-ethylhexyl)ester | 10/29/90 | 12/27/90 |
| 812-00-0 | Phosphoric acid, monomethyl ester | 10/29/90 | 12/27/90 |
| 1070-03-7 | Phosphoric acid, mono(2-ethylhexyl)ester | 10/29/90 | 12/27/90 |
| 1498-51-7 | Phosphorodichloridic acid, ethylester | 10/29/90 | 12/27/90 |
| 1623-15-0 | Phosphoric acid, monobutyl ester | 10/29/90 | 12/27/90 |
| 1623-24-1 | Phosphoric acid, mono(1-methylethyl)ester | 10/29/90 | 12/27/90 |
| 2958-09-0 | Phosphoric acid, monoocadecyl ester | 10/29/90 | 12/27/90 |
| 3900-04-7 | Phosphoric acid, monohexyl ester | 10/29/90 | 12/27/90 |
| 3991-73-9 | Phosphoric acid, monooctyl ester | 10/29/90 | 12/27/90 |
| 7057-92-3 | Phosphoric acid, didodecyl ester | 10/29/90 | 12/27/90 |
| 7332-46-9 | Ethanol, 2-(2-butoxyethoxy)-, phosphate (3:1) | 10/29/90 | 12/27/90 |
| 12645-31-7 | Phosphoric acid, 2-ethylhexyl ester | 10/29/90 | 12/27/90 |
| 12751-23-4 | Phosphoric acid, dodecyl ester | 10/29/90 | 12/27/90 |
| 27215-10-7 | Phosphoric acid, diisooctyl ester | 10/29/90 | 12/27/90 |

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| Brominated flame retardants: | | | |
| 74-97-5 | Methane, bromochloro- | 10/29/90 | 12/27/90 |
| 87-10-5 | Benzamide, 3,5-dibromo-N-(4-bromophenyl)-2-hydroxy- | 10/29/90 | 12/27/90 |
| 87-83-2 | Benzene, pentabromomethyl- | 10/29/90 | 12/27/90 |
| 87-84-3 | Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro- | 10/29/90 | 12/27/90 |
| 96-13-9 | 1-Propanol, 2,3-dibromo- | 10/29/90 | 12/27/90 |
| 593-60-2 | Ethene, bromo- | 10/29/90 | 12/27/90 |
| 615-58-7 | Phenol, 2,4-dibromo- | 10/29/90 | 12/27/90 |
| 4162-45-2 | Ethanol,2,2'-(1-methylethylidene)bis((2,6-dibromo-4,1-phenyleneoxy))bis- | 10/29/90 | 12/27/90 |
| 25327-89-3 | Benzene, 1,1'-(1-methylethylidene)bis(3,5-dibromo-4-(2-propenoxy)-) | 10/29/90 | 12/27/90 |
| 30554-72-4 | Cyclohexane, tetrabromodichloro- | 10/29/90 | 12/27/90 |
| 30554-73-5 | Cyclohexane, tribromotrichloro- | 10/29/90 | 12/27/90 |
| 36483-57-5 | 1-Propanol, 2,2-dimethyl-, tribromo deriv. | 10/29/90 | 12/27/90 |
| 55205-38-4 | 2-Propenoic acid, (1-methylethylidene)bis(2,6-dibromo-4,1-phenylene) ester | 10/29/90 | 12/27/90 |
| 68955-41-9 | Alkanes, C10-18, bromochloro- | 10/29/90 | 12/27/90 |
| 69882-11-7 | Phenol, 2,4(or 2,6)-dibromo-, homopolymer | 10/29/90 | 12/27/90 |
| 88497-56-7 | Benzene, ethenyl-, homopolymer, brominated | 10/29/90 | 12/27/90 |
| Chloralkyl phosphates: | | | |
| 34621-99-3 | 1,2-Ethanediyltetraakis(2-chloro-1-methylethylene) phosphate | 6/14/93 | 8/12/93 |
| 38051-10-4 | 2,2-Bis(chloromethyl)-1,3-propanediyltetraakis(2-chloroethyl) phosphate | 6/14/93 | 8/12/93 |
| 53461-82-8 | Oxydi-2,1-ethanediyltetraakis(2-chloroethyl) phosphate | 6/14/93 | 8/12/93 |
| 76649-15-5 | 2-Chloro-1-methylethylbis(2-chloropropyl) phosphate. | | |
| Cyanoacrylates: | | | |
| 137-05-3 | 2-Propenoic acid, 2-cyano-, methyl ester | 1/26/94 | 3/28/94 |
| 1069-55-2 | 2-Propenoic acid, 2-cyano-, isobutyl ester | 1/26/94 | 3/28/94 |
| 6197-30-4 | 2-Propenoic acid, 2-cyano-3,3-diphenyl-, 2-ethylhexyl ester | 1/26/94 | 3/28/94 |
| 6606-65-1 | 2-Propenoic acid, 2-cyano-, butyl ester | 1/26/94 | 3/28/94 |
| 7085-85-0 | 2-Propenoic acid, 2-cyano-, ethyl ester | 1/26/94 | 3/28/94 |
| 7324-02-9 | 2-Propenoic acid, 2-cyano-, 2-propenyl ester | 1/26/94 | 3/28/94 |
| 10586-17-1 | 2-Propenoic acid, 2-cyano-, 1-methylethyl ester | 1/26/94 | 3/28/94 |
| 21982-43-4 | 2-Propenoic acid, 2-cyano-, ethoxyethyl ester | 1/26/94 | 3/28/94 |
| 23023-91-8 | 2-Propenoic acid, 2-cyano-, 2,2,2-trifluoromethyl ester | 1/26/94 | 3/28/94 |
| 27816-23-5 | 2-Propenoic acid, 2-cyano-, 2-methoxymethyl ester | 1/26/94 | 3/28/94 |
| 64992-16-1 | Ethanaminium, 2-[2-cyano-3-[4-(diethylamino)phenyl]-1-oxo-2-propenyl]oxy]-N,N,N-trimethyl-, chloride | 1/26/94 | 3/28/94 |
| Indium Chemicals: | | | |
| 923-34-2 | Triethylindium | 8/27/01 | 10/24/01 |
| 1303-11-3 | Indium arsenide | 8/27/01 | 10/24/01 |
| 1312-41-0 | Indium antimonide | 8/27/01 | 10/24/01 |
| 1312-43-2 | Indium (III) oxide | 8/27/01 | 10/24/01 |
| 1312-45-4 | Indium (III) telluride | 8/27/01 | 10/24/01 |
| 4194-69-8 | Indium (III) citrate | 8/27/01 | 10/24/01 |
| 7440-74-6 | Indium | 8/27/01 | 10/24/01 |
| 7783-52-0 | Indium (III) fluoride | 8/27/01 | 10/24/01 |
| 10025-82-8 | Indium (III) chloride | 8/27/01 | 10/24/01 |
| 12018-95-0 | Copper indium diselenide | 8/27/01 | 10/24/01 |

| | | | |
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| 12030-14-7 | Indium (II) sulfide | 8/27/01 | 10/24/01 |
| 12030-24-9 | Indium (III) sulfide | 8/27/01 | 10/24/01 |
| 12056-07-4 | Indium selenide | 8/27/01 | 10/24/01 |
| 12672-70-7 | Indium chloride | 8/27/01 | 10/24/01 |
| 12672-71-8 | Indium oxide | 8/27/01 | 10/24/01 |
| 13464-82-9 | Indium (III) sulfate | 8/27/01 | 10/24/01 |
| 13465-09-3 | Indium (III) bromide | 8/27/01 | 10/24/01 |
| 13465-10-6 | Indium (I) chloride | 8/27/01 | 10/24/01 |
| 13510-35-5 | Indium (III) iodide | 8/27/01 | 10/24/01 |
| 13709-93-8 | Indium (III) borate | 8/27/01 | 10/24/01 |
| 13770-61-1 | Indium (III) nitrate | 8/27/01 | 10/24/01 |
| 13966-94-4 | Indium (I) iodide | 8/27/01 | 10/24/01 |
| 14166-78-0 | Indium (III) fluoride | 8/27/01 | 10/24/01 |
| 14280-53-6 | Indium (I) bromide | 8/27/01 | 10/24/01 |
| 14405-45-9 | Indium tris(acetylacetone) | 8/27/01 | 10/24/01 |
| 20661-21-6 | Indium (III) hydroxide | 8/27/01 | 10/24/01 |
| 22398-80-7 | Indium (I) phosphide | 8/27/01 | 10/24/01 |
| 25114-58-3 | Indium (III) acetate | 8/27/01 | 10/24/01 |
| 25617-98-5 | Indium nitride | 8/27/01 | 10/24/01 |
| 27765-48-6 | Indium (III) tetrafluoroborate | 8/27/01 | 10/24/01 |
| 50926-11-9 | Indium tin oxide | 8/27/01 | 10/24/01 |
| 55326-87-9 | Indium hydroxide | 8/27/01 | 10/24/01 |
| 66027-93-8 | Indium (III) sulfamate | 8/27/01 | 10/24/01 |
| 66027-94-9 | Hydroxybis(trifluoroacetato-O)indium | 8/27/01 | 10/24/01 |
| 67816-06-2 | Indium (III) 2-ethylhexanoate | 8/27/01 | 10/24/01 |
| 68310-35-0 | Indium (III) neodecanoate | 8/27/01 | 10/24/01 |
| 71243-84-0 | Indium tin oxide ($In_{1.69}Sn_{0.1502}O_{2.85}$) | 8/27/01 | 10/24/01 |
| IRIS Chemicals: | | | |
| 51-28-5 | 2,4 Dinitrophenol | 9/30/91 | 11/27/91 |
| 95-65-8 | 3,4 Dinethyphenol | 9/30/91 | 11/27/91 |
| Isocyanates: | | | |
| 91-97-4 | 1,1'-Biphenyl, 4,4'-diisocyanato-3,3'-dimethyl- | 10/29/90 | 12/27/90 |
| 100-28-7 | Benzene, 1-isocyanato-4-nitro- | 10/29/90 | 12/27/90 |
| 101-68-8 | Benzene, 1,1'-methylenebis(4-isocyanato- | 10/29/90 | 12/27/90 |
| 102-36-3 | Benzene, 1,2-dichloro-4-isocyanato- | 10/29/90 | 12/27/90 |
| 103-71-9 | Benzene, isocyanato- | 10/29/90 | 12/27/90 |
| 104-12-1 | Benzene, 1-chloro-4-isocyanato- | 10/29/90 | 12/27/90 |
| 104-49-4 | Benzene, 1,4-diisocyanato- | 10/29/90 | 12/27/90 |
| 109-90-0 | Ethane, isocyanato- | 10/29/90 | 12/27/90 |
| 110-78-1 | Propane, 1-isocyanato- | 10/29/90 | 12/27/90 |
| 111-36-4 | Butane, 1-isocyanato- | 10/29/90 | 12/27/90 |
| 112-96-9 | Octadecane, 1-isocyanato- | 10/29/90 | 12/27/90 |
| 123-61-5 | Benzene, 1,3-diisocyanato- | 10/29/90 | 12/27/90 |
| 329-01-1 | Benzene, 1-isocyanato-3-(trifluoromethyl)- | 10/29/90 | 12/27/90 |
| 614-68-6 | Benzene, 1-isocyanato-2-methyl- | 10/29/90 | 12/27/90 |
| 622-58-2 | Benzene, 1-isocyanato-4-methyl- | 10/29/90 | 12/27/90 |
| 624-83-9 | Methane, isocyanato- | 10/29/90 | 12/27/90 |
| 1476-23-9 | 1-Propene, 3-isocyanato- | 10/29/90 | 12/27/90 |
| 2422-91-5 | Benzene, 1,1',1"-methylidynetris(4-isocyanato- | 10/29/90 | 12/27/90 |
| 2493-02-9 | Benzene, 1-bromo-4-isocyanato- | 10/29/90 | 12/27/90 |

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| 2909-38-8 | Benzene, 1-chloro-3-isocyanato- | 10/29/90 | 12/27/90 |
| 2949-22-6 | Acetic acid, isocyanato-, ethyl ester | 10/29/90 | 12/27/90 |
| 3173-53-3 | Cyclohexane, isocyanato- | 10/29/90 | 12/27/90 |
| 4035-89-6 | Imidodicarbonic diamide,N,N'-2-tris(6-isocyanatohexyl)- | 10/29/90 | 12/27/90 |
| 4098-71-9 | Cyclohexane, 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethyl- | 10/29/90 | 12/27/90 |
| 4151-51-3 | Phenol, 4-isocyanato-, phosphorothioate (3:1) (ester) | 10/29/90 | 12/27/90 |
| 5124-30-1 | Cyclohexane, 1,1'-methylenebis(4-isocyanato- | 10/29/90 | 12/27/90 |
| 5873-54-1 | Benzene, 1-isocyanato-2-((4-isocyanophenyl)methyl)- | 10/29/90 | 12/27/90 |
| 10031-75-1 | Benzene, 1,1'-(diisocyanatomethylene)bis- | 10/29/90 | 12/27/90 |
| 15646-96-5 | Hexane, 1,6-diisocyanato-2,4,4-trimethyl- | 10/29/90 | 12/27/90 |
| 16938-22-0 | Hexane, 1,6-diisocyanato-2,2,4-trimethyl- | 10/29/90 | 12/27/90 |
| 25854-16-4 | Benzene, bis(isocyanatomethyl)- | 10/29/90 | 12/27/90 |
| 26447-40-5 | Benzene, 1,1'-methylenebis(isocyanato- | 10/29/90 | 12/27/90 |
| 26603-40-7 | 1,3,5-Triazine-2,4,6(1H,3H,5H-trione, 1,3,5-tris(3-isocyanatomethylphenyl)-1,3-Diazetidine-2,4-dione, 1,3-bis(3-isocyanatomethylphenyl)- | 10/29/90 | 12/27/90 |
| 26747-90-0 | 1,3-Diazetidine-2,4-dione, 1,3-bis(3-isocyanatomethylphenyl)- | 10/29/90 | 12/27/90 |
| 28178-42-9 | Benzene, 2-isocyanato-1,3-bis(1-methylethyl)- | 10/29/90 | 12/27/90 |
| 28556-81-2 | Benzene, 2-isocyanato-1,3-dimethyl- | 10/29/90 | 12/27/90 |
| 30674-80-7 | 2-Propenoic acid, 2-methyl-,2-isocyanatoethyl ester | 10/29/90 | 12/27/90 |
| 34893-92-0 | Benzene, 1,3-dichloro-5-isocyanato- | 10/29/90 | 12/27/90 |
| 68239-06-5 | Cyclohexane, 2-heptyl-3,4-bis(9-isocyanatononyl)-1-pentyl- | 10/29/90 | 12/27/90 |
| 73597-26-9 | 2-Propenoic acid, 2-methyl-, 2-(((5-isocyanato-1,3,3-trimethylcyclohexyl) methyl)amino)carbonyloxy)ethyl ester | 10/29/90 | 12/27/90 |
| Methyl ethylene glycol ethers and esters: | | | |
| 3121-61-7 | Ethylene glycol monomethyl ether acrylate | 1/26/94 | 3/28/94 |
| 23783-42-8 | Tetraethylene glycol monomethyl ether | 1/26/94 | 3/28/94 |
| Nonylphenol ethoxylates | | | |
| 7311-27-5 | Ethanol, 2-[2-[2-(p-nonylphenoxy)ethoxy]ethoxy]ethoxy]- | 2/10/00 | 4/10/00 |
| 9016-45-9 | Poly(oxy-1,2-ethanediyl), alpha-(nonylphenyl)-omega-hydroxy- | 2/10/00 | 4/10/00 |
| 20427-84-3 | Ethanol, 2-[2-(p-nonylphenoxy)ethoxy]- | 2/10/00 | 4/10/00 |
| 20636-48-0 | 3,6,9,12-Tetraoxatetradecan-1-ol, 14-(4-nonylphenoxy)- | 2/10/00 | 4/10/00 |
| 26027-38-3 | Poly(oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy- | 2/10/00 | 4/10/00 |
| 26264-02-8 | 3,6,9,12-Tetraoxatetradecan-1-ol, 14-(nonylphenoxy)- | 2/10/00 | 4/10/00 |
| 26571-11-9 | 3,6,9,12,15,18,21,24-Octaoxahexacosan-1-ol, 26-(nonylphenoxy)- | 2/10/00 | 4/10/00 |
| 27176-93-8 | Ethanol, 2-[2-(nonylphenoxy)ethoxy]- | 2/10/00 | 4/10/00 |
| 27177-01-1 | 3,6,9,12,15-Pentaoxahedadecan-1-ol, 17-(nonylphenoxy)- | 2/10/00 | 4/10/00 |
| 27177-05-5 | 3,6,9,12,15,18,21-Heptaoxatricosan-1-ol, 23-(nonylphenoxy)- | 2/10/00 | 4/10/00 |
| 27177-08-8 | 3,6,9,12,15,18,21,24,27-Nonaoxanonacosan-1-ol, 29-(nonylphenoxy)- | 2/10/00 | 4/10/00 |
| 27986-36-3 | Ethanol, 2-(nonylphenoxy)- | 2/10/00 | 4/10/00 |
| 37205-87-1 | Poly(oxy-1,2-ethanediyl), alpha-(isononylphenyl)-omega-hydroxy- | 2/10/00 | 4/10/00 |
| 51938-25-1 | Poly(oxy-1,2-ethanediyl), alpha-(2-nonylphenyl)-omega-hydroxy- | 2/10/00 | 4/10/00 |
| 65455-72-3 | 3,6,9,12,15,18,21,24,27-Nonaoxanonacosan-1-ol, 29-(isononylphenoxy)- | 2/10/00 | 4/10/00 |
| 68412-54-4 | Poly(oxy-1,2-ethanediyl), alpha-(nonylphenyl)-omega-hydroxy-, branched | 2/10/00 | 4/10/00 |
| 98113-10-1 | NP9 | 2/10/00 | 4/10/00 |
| 127087-87-0 | Poly(oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy-, branched | 2/10/00 | 4/10/00 |
| 152143-22-1 | Poly(oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy-, branched, phosphates | 2/10/00 | 4/10/00 |

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| OSHA Chemicals in Need of Der- mal Absorption Testing: | | | |
|---|------------------------------|---------|---------|
| 60-29-7 | Ethyl ether | 1/26/94 | 3/28/94 |
| 61-82-5 | Amitrole | 3/11/94 | 5/10/94 |
| 74-96-4 | Ethyl bromide | 3/11/94 | 5/10/94 |
| 75-05-8 | Acetonitrile | 8/4/95 | 10/3/95 |
| 75-12-7 | Formamide | 8/4/95 | 10/3/95 |
| 75-15-0 | Carbon disulfide | 3/11/94 | 5/10/94 |
| 75-25-2 | Bromoform | 3/11/94 | 5/10/94 |
| 75-34-3 | 1,1-Dichloroethane | 3/11/94 | 5/10/94 |
| 75-35-4 | Vinylidene chloride | 8/4/95 | 10/3/95 |
| 75-65-0 | tert-Butyl alcohol | 1/26/94 | 3/28/94 |
| 76-22-2 | Camphor | 1/26/94 | 3/28/94 |
| 77-73-6 | Dicyclopentadiene | 8/4/95 | 10/3/95 |
| 77-78-1 | Dimethyl sulfate | 3/11/94 | 5/10/94 |
| 78-59-1 | Isophorone | 8/4/95 | 10/3/95 |
| 78-87-5 | Propylene dichloride | 8/4/95 | 10/3/95 |
| 78-92-2 | sec-Butyl alcohol | 1/26/94 | 3/28/94 |
| 79-20-9 | Methyl acetate | 1/26/94 | 3/28/94 |
| 79-46-9 | 2-Nitropropane | 3/11/94 | 5/10/94 |
| 88-72-2 | o-Nitrotoluene | 3/11/94 | 5/10/94 |
| 89-72-5 | o-sec-Butylphenol | 3/11/94 | 5/10/94 |
| 90-04-0 | o-Anisidine | 3/11/94 | 5/10/94 |
| 91-20-3 | Naphthalene | 8/4/95 | 10/3/95 |
| 92-52-4 | Biphenyl | 8/4/95 | 10/3/95 |
| 95-13-6 | Indene | 3/11/94 | 5/10/94 |
| 95-49-8 | o-Chlorotoluene | 3/11/94 | 5/10/94 |
| 95-50-1 | o-Dichlorobenzene | 8/4/95 | 10/3/95 |
| 96-18-4 | 1,2,3-Trichloropropane | 8/4/95 | 10/3/95 |
| 97-77-8 | Disulfiram | 1/26/94 | 3/28/94 |
| 98-29-3 | t-Butylcatechol | 8/4/95 | 10/3/95 |
| 99-08-1 | m-Nitrotoluene | 8/4/95 | 10/3/95 |
| 99-65-0 | m-Dinitrobenzene | 3/11/94 | 5/10/94 |
| 99-99-0 | p-Nitrotoluene | 8/4/95 | 10/3/95 |
| 100-00-5 | p-Nitrochlorobenzene | 3/11/94 | 5/10/94 |
| 100-01-6 | p-Nitroaniline | 3/11/94 | 5/10/94 |
| 100-44-7 | Benzyl chloride | 3/11/94 | 5/10/94 |
| 100-25-4 | p-Dinitrobenzene | 1/26/94 | 3/28/94 |
| 100-63-0 | Phenylhydrazine | 3/11/94 | 5/10/94 |
| 105-46-4 | sec-Butyl acetate | 1/26/94 | 3/28/94 |
| 106-42-3 | p-Xylene | 1/26/94 | 3/28/94 |
| 106-46-7 | p-Dichlorobenzene | 8/4/95 | 10/3/95 |
| 106-49-0 | p-Toluidine | 3/11/94 | 5/10/94 |
| 107-06-2 | Ethylene dichloride | 8/4/95 | 10/3/95 |
| 107-31-3 | Methyl formate | 1/26/94 | 3/28/94 |
| 107-66-4 | Diethyl phosphate | 1/26/94 | 3/28/94 |
| 108-03-2 | 1-Nitropropane | 1/26/94 | 3/28/94 |
| 108-44-1 | m-Toluidine | 3/11/94 | 5/10/94 |

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|-------------------------------------|---|----------------|----------------|
| 108-87-2 | Methylcyclohexane | 1/26/94 | 3/28/94 |
| 108-90-7 | Chlorobenzene | 3/11/94 | 5/10/94 |
| 108-93-0 | Cyclohexanol | 8/4/95 | 10/3/95 |
| 109-66-0 | Pentane | 1/26/94 | 3/28/94 |
| 109-99-9 | Tetrahydrofuran | 3/11/94 | 5/10/94 |
| 110-12-3 | Methyl isoamyl ketone | 8/4/95 | 10/3/95 |
| 110-83-8 | Cyclohexene | 1/26/94 | 3/28/94 |
| 111-84-2 | Nonane | 1/26/94 | 3/28/94 |
| 120-80-9 | Catechol | 8/4/95 | 10/3/95 |
| 121-14-2 | 2,4-Dinitrotoluene | 3/11/94 | 5/10/94 |
| 121-69-7 | Dimethylaniline | 8/4/95 | 10/3/95 |
| 122-39-4 | Diphenylamine | 3/11/94 | 5/10/94 |
| 123-42-2 | Diacetone alcohol | 8/4/95 | 10/3/95 |
| 123-92-2 | Isoamyl acetate | 1/26/94 | 3/28/94 |
| 126-99-8 | beta-Chloroprene | 3/11/94 | 5/10/94 |
| 127-19-5 | Dimethyl acetamide | 8/4/95 | 10/3/95 |
| 142-82-5 | Heptane (<i>n</i> -Heptane) | 1/26/94 | 3/28/94 |
| 150-76-5 | p-Methoxyphenol | 3/11/94 | 5/10/94 |
| 287-92-3 | Cyclopentane | 1/26/94 | 3/28/94 |
| 528-29-0 | o-Dinitrobenzene | 3/11/94 | 5/10/94 |
| 532-27-4 | α -Chloroacetophenone | 1/26/94 | 3/28/94 |
| 540-59-0 | 1,2-Dichloroethylene | 3/11/94 | 5/10/94 |
| 540-88-5 | <i>tert</i> -Butyl acetate | 1/26/94 | 3/28/94 |
| 542-92-7 | Cyclopentadiene | 8/4/95 | 10/3/95 |
| 626-17-5 | m-Phthalodinitrile | 3/11/94 | 5/10/94 |
| 628-63-7 | <i>n</i> -Amyl acetate | 1/26/94 | 3/28/94 |
| 768-52-5 | N-Isopropylaniline | 3/11/94 | 5/10/94 |
| 1300-73-8 | Xyldine | 3/11/94 | 5/10/94 |
| 6423-43-4 | Propylene glycol dinitrate | 3/11/94 | 5/10/94 |
| 7631-90-5 | Sodium bisulfite | 1/26/94 | 3/28/94 |
| 7681-57-4 | Sodium metabisulfite | 1/26/94 | 3/28/94 |
| 25013-15-4 | Vinyl toluene | 3/11/94 | 5/10/94 |
| 34590-94-8 | Dipropylene glycol methyl ether | 8/4/95 | 10/3/95 |
| Propylene glycol ethers and esters: | | | |
| 108-65-6 | Propylene glycol monomethyl ether acetate | 1/26/94 | 3/28/94 |
| 110-98-5 | Dipropylene glycol | 1/26/94 | 3/28/94 |
| 770-35-4 | 1-Phenoxy-2-propanol | 1/26/94 | 3/28/94 |
| 20324-32-7 | 1-(2-Methoxy-1-methylethoxy)-2-propanol | 1/26/94 | 3/28/94 |
| 20324-33-8 | Tripropylene glycol methyl ether | 1/26/94 | 3/28/94 |
| 28677-93-2 | Methoxy-1-propanol | 1/26/94 | 3/28/94 |
| 29387-86-8 | Propylene glycol monobutyl ether | 1/26/94 | 3/28/94 |
| 29911-28-2 | Dipropylene glycol butyl ether | 1/26/94 | 3/28/94 |
| 42978-66-5 | Tripropylene glycol diacrylate | 1/26/94 | 3/28/94 |
| 57018-52-7 | Propylene glycol mono- <i>tert</i> -butyl ether | 1/26/94 | 3/28/94 |
| 88917-22-0 | Dipropylene glycol monomethyl ether acetate | 1/26/94 | 3/28/94 |

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| Siloxanes: | | | |
|-------------------|--|----------|---------|
| 107-46-0 | Hexamethyldisiloxane | 10/12/93 | 2/28/94 |
| 107-50-6 | Tetradecamethylcycloheptasiloxane | 10/12/93 | 2/28/94 |
| 107-51-7 | Octamethyltrisiloxane | 10/12/93 | 2/28/94 |
| 107-52-8 | Tetradecamethylhexasiloxane | 10/12/93 | 2/28/94 |
| 107-53-9 | Tetracosamethylundecasiloxane | 10/12/93 | 2/28/94 |
| 141-62-8 | Decamethyltetrasiloxane | 10/12/93 | 2/28/94 |
| 141-63-9 | Dodecamethylpentasiloxane | 10/12/93 | 2/28/94 |
| 540-97-6 | Dodecamethylcyclohexasiloxane | 10/12/93 | 2/28/94 |
| 541-01-5 | Hexadecamethylheptasiloxane | 10/12/93 | 2/28/94 |
| 541-02-6 | Decamethylcyclopentasiloxane | 10/12/93 | 2/28/94 |
| 541-05-9 | Hexamethylcyclotrisiloxane | 10/12/93 | 2/28/94 |
| 546-56-5 | Octaphenylcyclotetrasiloxane | 10/12/93 | 2/28/94 |
| 556-67-2 | Octamethylcyclotetrasiloxane | 10/12/93 | 2/28/94 |
| 556-68-3 | Hexadecamethylcyclooctasiloxane | 10/12/93 | 2/28/94 |
| 556-69-4 | Octadecamethyloctasiloxane | 10/12/93 | 2/28/94 |
| 556-70-7 | Docosamethyldecasiloxane | 10/12/93 | 2/28/94 |
| 556-71-8 | Octadecamethylcyclononasiloxane | 10/12/93 | 2/28/94 |
| 999-97-3 | Hexamethyldisilazane | 10/12/93 | 2/28/94 |
| 2370-88-9 | Tetramethylcyclotetrasiloxane | 10/12/93 | 2/28/94 |
| 2374-14-3 | Trifluoropropylmethylcyclotrisiloxane | 10/12/93 | 2/28/94 |
| 2471-08-1 | Hexacosamethyldodecasiloxane | 10/12/93 | 2/28/94 |
| 2471-09-2 | Octacosamethyltridecasiloxane | 10/12/93 | 2/28/94 |
| 2471-10-5 | Tricontamethyltetradecasiloxane | 10/12/93 | 2/28/94 |
| 2471-11-6 | Dotricontamethylpentadecasiloxane | 10/12/93 | 2/28/94 |
| 2554-06-5 | Methylvinylcyclosiloxane | 10/12/93 | 2/28/94 |
| 2627-95-4 | Tetramethyldivinyldisiloxane | 10/12/93 | 2/28/94 |
| 2652-13-3 | Eicosamethylnonasiloxane | 10/12/93 | 2/28/94 |
| 70131-67-8 | Siloxanes and silicones, di-Me, hydroxy-terminated | 10/12/93 | 2/28/94 |
| 9004-73-3 | Methylpolysiloxane | 10/12/93 | 2/28/94 |
| 18766-38-6 | Docosamethylcycloundecasiloxane | 10/12/93 | 2/28/94 |
| 18772-36-6 | Eicosamethylcyclodecasiloxane | 10/12/93 | 2/28/94 |
| 18844-04-7 | Hexatricontamethylheptadecasiloxane | 10/12/93 | 2/28/94 |
| 18919-94-3 | Tetracosamethylcyclododecasiloxane | 10/12/93 | 2/28/94 |
| 23523-12-8 | Hexatricontamethylcyclooctadecasiloxane | 10/12/93 | 2/28/94 |
| 23523-14-0 | Triacontamethylcyclopentadecasiloxane | 10/12/93 | 2/28/94 |
| 23732-94-7 | Hexacosamethylcyclotridecasiloxane | 10/12/93 | 2/28/94 |
| 36938-50-8 | Tetracontamethyl hexadecasiloxane | 10/12/93 | 2/28/94 |
| 36938-52-0 | Octatricontamethyl octadecasiloxane | 10/12/93 | 2/28/94 |
| 63148-62-9 | Dimethyl silicones and siloxanes | 10/12/93 | 2/28/94 |
| 67762-90-7 | Dimethyl silicones and siloxane, reaction products with silica | 10/12/93 | 2/28/94 |
| 67762-94-1 | Dimethylmethylvinylsiloxane | 10/12/93 | 2/28/94 |
| 68037-59-2 | Dimethylhydropolysiloxane | 10/12/93 | 2/28/94 |
| 68037-74-1 | Dimethylpolysiloxanes | 10/12/93 | 2/28/94 |
| 68083-14-7 | Dimethyl diphenylsiloxane | 10/12/93 | 2/28/94 |
| 69430-24-6 | Cyclopolydimethylsiloxane | 10/12/93 | 2/28/94 |
| 115361-68-7 | Dimethylmethyl 3,3,3-trifluoropropyl siloxane | 10/12/93 | 2/28/94 |
| 149050-40-8 | Octacosamethylcyclotetradecasiloxane | 10/12/93 | 2/28/94 |
| 150026-95-2 | Dotricontamethylcyclohexadecasiloxane | 10/12/93 | 2/28/94 |
| 150026-96-3 | Tetracontamethylcycloheptadecasiloxane | 10/12/93 | 2/28/94 |

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| CAS No. | Substance | Effective date | Reporting date |
|---|--|----------------|----------------|
| 150026-97-4 | Octatricontamethylcyclononadecasiloxane | 10/12/93 | 2/28/94 |
| 150026-98-5 | Tetracontamethylcyclohexacosiloxane | 10/12/93 | 2/28/94 |
| 150026-99-6 | Tetracontamethylnonadecasiloxane | 10/12/93 | 2/28/94 |
| 150027-00-2 | Dotetracontamethyleicosasiloxane | 10/12/93 | 2/28/94 |
| not available | Polymethyloctadecylsiloxane | 10/12/93 | 2/28/94 |
| Substantially produce chemicals in need of sub-chronic tests: | | | |
| 80-51-3 | p,p'-Oxybis(benzenesulfonylhydrazide) | 9/30/91 | 11/27/91 |
| 81-84-5 | Naphthalenedicarboxylic anhydride | 9/30/91 | 11/27/91 |
| 84-51-5 | 2-Ethylanthraquinone | 9/30/91 | 11/27/91 |
| 87-02-5 | 7-Amino-4-hydroxy-2-naphthalenesulfonic acid | 9/30/91 | 11/27/91 |
| 90-15-3 | 1-Naphthol | 9/30/91 | 11/27/91 |
| 92-70-6 | 3-Hydroxy-2-naphthoic acid | 9/30/91 | 11/27/91 |
| 94-28-0 | Triethylene glycol bis(2-ethylhexanoate) | 9/30/91 | 11/27/91 |
| 95-32-9 | 2-(4-Morpholinylidithio)-benzothiazole | 9/30/91 | 11/27/91 |
| 97-88-1 | N-Butyl methacrylate | 9/30/91 | 11/27/91 |
| 98-48-6 | 1,3-Benzenedisulfonic Acid | 9/30/91 | 11/27/91 |
| 99-54-7 | 3,4-Dichloronitrobenzene | 9/30/91 | 11/27/91 |
| 99-63-8 | Isophthaloyl chloride | 9/30/91 | 11/27/91 |
| 100-20-9 | Terephthaloyl chloride | 9/30/91 | 11/27/91 |
| 100-29-8 | 4-Ethoxynitrobenzene | 9/30/91 | 11/27/91 |
| 102-01-2 | Acetoacetanilide | 9/30/91 | 11/27/91 |
| 106-31-0 | Butyric anhydride | 9/30/91 | 11/27/91 |
| 106-63-8 | Isobutyl acrylate | 9/30/91 | 11/27/91 |
| 111-96-6 | Diethylene glycol dimethyl ether | 9/30/91 | 11/27/91 |
| 112-15-2 | Ethanol, 2-(2-ethoxyethoxy)-, acetate | 9/30/91 | 11/27/91 |
| 116-81-4 | Bromamine acid | 9/30/91 | 11/27/91 |
| 119-33-5 | 4-Methyl-2-nitro-phenol | 9/30/91 | 11/27/91 |
| 121-60-8 | 4-(Acetylamino)benzenesulfonyl chloride | 9/30/91 | 11/27/91 |
| 123-54-6 | 2,4-Pentanedione | 9/30/91 | 11/27/91 |
| 123-62-6 | Propanoic anhydride | 9/30/91 | 11/27/91 |
| 142-16-5 | Bis(2-ethylhexyl)-2-butenedioate | 9/30/91 | 11/27/91 |
| 311-89-7 | Perfluorotributylamine | 9/30/91 | 11/27/91 |
| 355-42-0 | Perfluoro-N-hexane | 9/30/91 | 11/27/91 |
| 594-42-3 | Trichloromethanesulfonyl chloride | 9/30/91 | 11/27/91 |
| 616-21-7 | 1,2-Dichlorobutane | 9/30/91 | 11/27/91 |
| 626-17-5 | 1,3-Dicyanobenzene | 9/30/91 | 11/27/91 |
| 760-23-6 | 3,4-Dichlorobutene | 9/30/91 | 11/27/91 |
| 929-06-6 | 2-(2-Aminooethoxy)-ethanol | 6/30/92 | 9/28/92 |
| 1047-16-1 | Quinacridone | 9/30/91 | 11/27/91 |
| 1111-78-0 | Ammonium carbamate | 9/30/91 | 11/27/91 |
| 3089-11-0 | Hexa(methoxymethyl) melamine | 9/30/91 | 11/27/91 |
| Sulphones: | | | |
| 67-71-0 | Dimethylsulfone | 9/30/91 | 11/27/91 |
| 77-79-2 | 3-Sulfolene | 9/30/91 | 11/27/91 |

| | | | |
|---------------------|--|---------------|-------------------|
| 80-07-9 | Sulfonyl bis-(4-chlorobenzene) | 9/30/91 | 11/27/91 |
| 80-08-0 | 4,4'-Diaminodiphenyl sulfone | 9/30/91 | 11/27/91 |
| 80-09-1 | Bisphenol S | 9/30/91 | 11/27/91 |
| 98-30-6 | 2-Amino-4-(methylsulfonyl)phenol | 9/30/91 | 11/27/91 |
| 126-33-0 | Sulfolane | 9/30/91 | 11/27/91 |
| 127-63-9 | Diphenylsulfone | 9/30/91 | 11/27/91 |
| 2580-77-0 | 2,2'-Sulfonyl bis-ethanol | 9/30/91 | 11/27/91 |
| 3278-22-6 | 1,1'-(Methylene bis(sulfonyl))bisethene | 9/30/91 | 11/27/91 |
| 5246-57-1 | 2-[3-Aminophenyl]sulfonyl]ethanol | 9/30/91 | 11/27/91 |
| 16588-67-3 | 3-[N-Ethyl-4-[[6-(methylsulfonyl)-2-benzothiazolyl] azo]-m-toluidino]- propionitrile | 9/30/91 | 11/27/91 |
| 17557-67-4 | 6-(Methylsulfonyl)-2-benzothiazolamine | 9/30/91 | 11/27/91 |
| 17601-96-6 | 2-Amino-4-[(2-hydroxyethyl) sulfonyl]phenol | 9/30/91 | 11/27/91 |
| 17688-68-5 | 4-Phenylthiomorpholine, 1,1-dioxide | 9/30/91 | 11/27/91 |
| 17741-62-7 | 4-[4-[(2,6-Dichloro-4-nitrophenyl) azo]phenyl]thiomorpholine, 1,1-dioxide- | 9/30/91 | 11/27/91 |
| 18760-44-6 | 3-(Decyloxy)tetrahydrothiophene 1,1-dioxide | 9/30/91 | 11/27/91 |
| 20018-09-1 | 1-(Diiodomethyl) sulfonyl-4-methyl benzene | 9/30/91 | 11/27/91 |
| 26750-50-5 | 1,1'-[Oxybis(methylene)sulfonyl)] bisethene | 9/30/91 | 11/27/91 |
| 36724-43-3 | 2,2'-[Oxybis(methylene)sulfonyl)]bisethanol | 9/30/91 | 11/27/91 |
| 41123-59-5 | 1,1'-(Methylenabis(sulfonyl))bis-2-chloroethane | 9/30/91 | 11/27/91 |
| 41123-69-7 | 2,2'-(Methylenabis(sulfonyl))bisethanol | 9/30/91 | 11/27/91 |
| 41687-30-3 | 2-[(3-Nitrophenyl)sulfonyl]ethanol | 9/30/91 | 11/27/91 |
| 52218-35-6 | 2-[(6-Amino-2-naphthalenyl)sulfonyl]ethanol | 9/30/91 | 11/27/91 |
| 53061-10-2 | 1,1'-(Oxybis(methylene)sulfonyl))bis-2-chloroethane | 9/30/91 | 11/27/91 |
| 63134-33-8 | 4-[[4-(Phenylmethoxy)phenyl]sulfonyl]phenol | 9/30/91 | 11/27/91 |
| Vanadium compounds: | | | |
| 1314-34-7 | Vanadium oxide (V2O3) [Vanadium trioxide] | July 11, 2003 | September 9, 2003 |
| 1314-62-1 | Vanadium oxide (V2O5) [Vanadium pentoxide] | July 11, 2003 | September 9, 2003 |
| 1686-22-2 | Vanadium, triethoxyxoxo-, (T-4)- [Triethyl orthovanadate] | July 11, 2003 | September 9, 2003 |
| 3153-26-2 | Vanadium, oxobis (2,4-pentanedionato-.kappa.O.,kappa.O')-, (SP-5-21)- | July 11, 2003 | September 9, 2003 |
| 5588-84-1 | Vanadium, oxotris(2-propanolato)-, (T-4)- [Vanadium triisopropoxide oxide] | July 11, 2003 | September 9, 2003 |
| 7440-62-2 | Vanadium | July 11, 2003 | September 9, 2003 |
| 7632-51-1 | Vanadium chloride (VCl4), (T-4)- [Vanadium tetrachloride] | July 11, 2003 | September 9, 2003 |
| 7718-98-1 | Vanadium chloride (VCl3) [Vanadium trichloride] | July 11, 2003 | September 9, 2003 |
| 7727-18-6 | Vanadium, trichlorooxo-, (T-4)- [Vanadium oxytrichloride] | July 11, 2003 | September 9, 2003 |
| 7803-55-6 | Vanadate (VO31-), ammonium [Ammonium metavanadate] | July 11, 2003 | September 9, 2003 |
| 10049-16-8 | Vanadium fluoride (VF4) [Vanadium tetrafluoride] | July 11, 2003 | September 9, 2003 |

| CAS No. | Substance | Effective date | Reporting date |
|------------------|--|----------------|-------------------|
| 10213-09-9 | Vanadium, dichlorooxo- [Vanadyl dichloride] | July 11, 2003 | September 9, 2003 |
| 10580-52-6 | Vanadium chloride (VCl ₂) [Vanadium dichloride] | July 11, 2003 | September 9, 2003 |
| 11099-11-9 | Vanadium oxide [Polyvanadic acid] | July 11, 2003 | September 9, 2003 |
| 11115-67-6 | Ammonium vanadium oxide | July 11, 2003 | September 9, 2003 |
| 11130-21-5 | Vanadium carbide | July 11, 2003 | September 9, 2003 |
| 12007-37-3 | Vanadium boride (VB ₂) | July 11, 2003 | September 9, 2003 |
| 12035-98-2 | Vanadium oxide (VO) | July 11, 2003 | September 9, 2003 |
| 12036-21-4 | Vanadium oxide (VO ₂) | July 11, 2003 | September 9, 2003 |
| 12070-10-9 | Vanadium carbide (VC) | July 11, 2003 | September 9, 2003 |
| 12083-48-6 | Vanadium, dichlorobis (.eta.5-2,4-cyclopentadien-1-yl)- | July 11, 2003 | September 9, 2003 |
| 12166-27-7 | Vanadium sulfide (VS) | July 11, 2003 | September 9, 2003 |
| 12439-96-2 | Vanadium, oxo[sulfato(2-)-kappa.O]-, pentahydrate [Vanadyl sulfate (VOSO ₄), pentahydrate] | July 11, 2003 | September 9, 2003 |
| 12604-58-9 | Vanadium alloy, base, V,C,Fe (Ferrovanadium) | July 11, 2003 | September 9, 2003 |
| 13470-26-3 | Vanadium bromide (VBr ₃) | July 11, 2003 | September 9, 2003 |
| 13476-99-8 | Vanadium, tris(2,4-pantanediato-kappa.O.,kappa.O')-, (OC-6-11)- [Vanadium tris(acetylacetone)] | July 11, 2003 | September 9, 2003 |
| 13497-94-4 | Silver vanadium oxide (AgVO ₃) | July 11, 2003 | September 9, 2003 |
| 13517-26-5 | Sodium vanadium oxide (Na ₄ V ₂ O ₇) [Sodium pyrovanadate] | July 11, 2003 | September 9, 2003 |
| 13718-26-8 | Vanadate (VO ₃ 1-), sodium [Sodium metavanadate] | July 11, 2003 | September 9, 2003 |
| 13721-39-6 | Sodium vanadium oxide (Na ₃ VO ₄) [Sodium orthovanadate] | July 11, 2003 | September 9, 2003 |
| 13769-43-2 | Vanadate (VO ₃ 1-), potassium [Potassium metavanadate] | July 11, 2003 | September 9, 2003 |
| 13930-88-6 | Vanadium, oxo[29H,31H-phthalocyaninato(2-)-kappa.N ₂₉ ,kappa.N ₃₀ ,kappa.N ₃₁ ,kappa.N ₃₂]-, (SP-5-12)- | July 11, 2003 | September 9, 2003 |
| 14059-33-7 | Bismuth vanadium oxide (BiVO ₄) | July 11, 2003 | September 9, 2003 |
| 19120-62-8 | Vanadium, tris(2-methyl-1-propanolato)oxo-, (T-4)- [Isobutyl orthovanadate] | July 11, 2003 | September 9, 2003 |

| | | | |
|------------------|---|------------------|----------------------|
| 24646-85-3 | Vanadium nitride (VN) | July 11, 2003 | September 9, 2003 |
| 27774-13-6 | Vanadium, oxo[sulfato(2-)-kappa.O]- [Vanadyl sulfate] | July 11, 2003 | September 9, 2003 |
| 30486-37-4 | Vanadium hydroxide oxide (V(OH)2O) | July 11, 2003 | September 9, 2003 |
| 39455-80-6 | Ammonium sodium vanadium oxide | July 11, 2003 | September 9, 2003 |
| 53801-77-7 | Bismuth vanadium oxide | July 11, 2003 | September 9, 2003 |
| 65232-89-5 | Vanadium hydroxide oxide phosphate | July 11, 2003 | September 9, 2003 |
| 68130-18-7 | Vanadium hydroxide oxide phosphate (V6(OH)3O3(PO4)7) | July 11, 2003 | September 9, 2003 |
| 68815-09-8 | Naphthenic acids, vanadium salts | July 11, 2003 | September 9, 2003 |
| 68990-29-4 | Balsams, copaiba, sulfurized, vanadium salts | July 11, 2003 | September 9, 2003 |

(Secs 8(a) and 8(d), 90 Stat. 2027, 2029; 15 U.S.C. 2607 (a) and (d))

[47 FR 26998, June 22, 1982]

EDITORIAL NOTE: For FEDERAL REGISTER citations affecting §712.30, see the List of CFR Sections Affected, which appears in the Finding Aids section of the printed volume and on GPO Access.

EFFECTIVE DATE NOTE: At 59 FR 14115, Mar. 25, 1994, in §712.30 paragraph (x), the chemical substances under the category "propylene glycol ethers esters" and all related dates were stayed, effective March 25, 1994. At 60 FR 31921, June 19, 1995, §712.30 was amended in part by redesignating paragraph (x) as paragraph (e).

PART 716—HEALTH AND SAFETY DATA REPORTING

Subpart A—General Provisions

Sec.

- 716.1 Scope and compliance.
- 716.3 Definitions.
- 716.5 Persons who must report.
- 716.10 Studies to be reported.
- 716.20 Studies not subject to the reporting requirements.
- 716.21 Chemical specific reporting requirements.
- 716.25 Adequate file search.
- 716.30 Submission of copies of studies.
- 716.35 Submission of lists of studies.
- 716.40 EPA requests for submission of further information.
- 716.45 How to report on substances and mixtures.
- 716.50 Reporting physical and chemical properties.
- 716.55 Confidentiality claims.
- 716.60 Reporting schedule.
- 716.65 Reporting period.

Subpart B—Specific Chemical Listings

- 716.105 Additions of substances and mixtures to which this subpart applies.
- 716.120 Substances and listed mixtures to which this subpart applies.

AUTHORITY: 15 U.S.C. 2607(d).

SOURCE: 51 FR 32726, Sept. 15, 1986, unless otherwise noted.

Subpart A—General Provisions

§ 716.1 Scope and compliance.

(a) This subpart sets forth requirements for the submission of lists and copies of health and safety studies on chemical substances and mixtures selected for priority consideration for testing rules under section 4(a) of the Toxic Substances Control Act (TSCA) and on other chemical substances and mixtures for which EPA requires

health and safety information in fulfilling the purposes of TSCA.

(b) Section 15(3) of TSCA makes it unlawful for any person to fail or refuse to submit information required under this subpart. Section 16 provides that a violation of section 15 renders a person liable to the United States for a civil penalty and possible criminal prosecution. Under section 17, the district courts of the United States have jurisdiction to restrain any violation of section 15.

§ 716.3 Definitions.

The definitions in section 3 of TSCA apply to this subpart. In addition, the following definitions are provided for the purposes of this subpart:

Byproduct means a chemical substance produced without a separate commercial intent during the manufacture, processing, use, or disposal of another chemical substance(s) or mixture(s).

Co-product means a chemical substance produced for a commercial purpose during the manufacture, processing, use, or disposal of another chemical substance(s) or mixture(s).

Copy of study means the written presentation of the purpose and methodology of a study and its results.

EPA means the United States Environmental Protection Agency.

Health and safety study or *study* means any study of any effect of a chemical substance or mixture on health or the environment or on both, including underlying data and epidemiological studies, studies of occupational exposure to a chemical substance or mixture, toxicological, clinical, and ecological or other studies of a chemical substance or mixture, and any test performed under TSCA.

(1) It is intended that the term *health and safety study* be interpreted broadly.